



MBS® LAMPCURE

HIGHLY EFFICIENT UV TECHNOLOGY FOR LABEL PRINTING

The new generation of the MBS® UV system for label printing is based on innovative solutions: The URS® Duo Reflector Technology and the ELC®-X electronic power supply device deliver a significant reduction in operating costs, leading to more economical production with consistently high quality and productivity, all that at relatively low investment costs.

ELECTRONIC POWER SUPPLY ELC-X

MBS® UV systems are fitted with the same ELC®-X type electronic power supply devices as standard. They can be used to continuously regulate the dimming range of the UV lamp. The compact stacking concept reduces the required space by up to 50% and guarantees easy access to the devices at all times.

FLC® FAST LAMP CHANGE

The cordless FLC® UV lamp system enables the UV lamp to be changed quickly and easily. It can be removed from the lamp unit with just one movement.

UV MEASUREMENT

The MBS® LAMPcure is set up for UV measurement as standard. The portable UMS-2 UV measurement device enables the output to be controlled as required, thus preventing machine downtimes.

WARRANTY

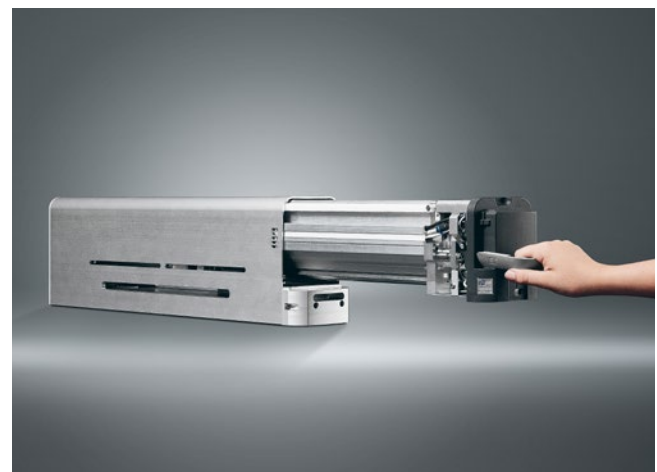
IST Metz provides a warranty for 10,000 operating hours on URS® type reflectors and 2,500 operating hours on UV lamps.

ECONOMY

In addition to savings achieved by low-energy production, the availability of the printing press can also be improved. The MBS® has been specifically designed to ensure that machine downtimes are reduced. All servicing work can be performed quickly and easily, saving both time and money.

MBS® LAMPCURE

UV curing with an air-cooled lamp system with 120 W/cm; optionally available with an output of 145 W/cm i.e. for low migration printing.



URS® DUO REFLECTOR

The MBS® LAMPcure from IST Metz is equipped with URS® reflectors. The reflectors are made up of cold mirror reflectors with more than 60 different metal oxide layers. The URS® Duo technology delivers a significantly higher level of reflection than conventional reflectors.

AIR COOLING FOR LAMPS

The exhaust air quantity and the air flow for cooling the MBS® unit have been optimised to reduce the contamination of the lamp and the reflector. Machine downtimes for cleaning are thus kept to a minimum.

SMART CONTROL

The new generation of the MBS® product family is equipped with the Smart Control system user interface. This makes the operation of UV systems clear, it is easy to use and it allows straightforward integration into the control systems of all common kinds of printing press.



	MBS® LAMPcure
UV technology	lamp
Power level	120 W/cm
Version	145 W/cm low migration
Cooling	air-cooled
ELC® electronic power supply device	✓
Control	Smart Control
UMS-2 UV measurement	✓
FLC® Fast Lamp Change	✓
URS® Duo reflectors	✓
Run-up time	40 s
Heat management	optimized for air cooling
Spectrum – standard	Hg
Spektrum – versions	Fe, Galn
Options	- intertisation - cooling roller - undershielding
Maintenance	lamp replaceable
Remote maintenance „Remote Ready	✓
Format switching	✗

WE HAVE THE CURE

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